

ABSTRACT OF THE DISCLOSURE

Gas turbine driven oil lifting device for increasing the quantity of oil obtained over a specified time (e.g. barrels per day) and the percentage of total amount obtained from oil-bearing geological deposits. The device is installed in a technical column (1) and consists of sections (12) and (18), separated by a bypass packer (11), on which a gas turbine (9) is fixed by a coupling (14) and a tubing (17) with a plurality of valves (four preferred: (3), (4), (6), and (8)) that are fixed to the gas turbine (9) by a coupling (15). Above the gas turbine (9) is a check valve (16) that is installed within the tubing (17). Parallel with the tubing (17) is a supply tube (2) of the gas turbine that is fixed by at least one coupling. The bottom end of the supply tube (2) is connected to an opening (20) at an upper head (34) of the gas turbine (9) by a flexible hose (7). The device may operate continually and periodically. The device may be applied for recovery of liquids from all liquid-bearing geological deposits having insufficient pressure for natural flow.